

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims indicating the current status of each claim.

1-33. (canceled)

34. (new) A firearm device for simulating operation of a firearm, the device comprising:

- (a) a barrel at least partially defining a chamber;
- (b) a slide mechanism slidably deployed behind said chamber;
- (c) a firing mechanism including a firing pin and a trigger, said firing mechanism being responsive to sliding of said slide mechanism to cock said firing mechanism, and being responsive when cocked to pulling of said trigger to release said firing pin; and
- (d) a compressed gas firing simulation arrangement including:
  - (i) a vessel containing compressed gas, said vessel being in fluid communication with said chamber,
  - (ii) a piston arrangement slidably deployed in said chamber, and
  - (iii) a valve arrangement associated with said piston arrangement and deployed to be displaced by impact of said firing pin to open at least one sealing arrangement,

thereby causing said compressed gas to drive said piston rearwards to cause recoil of the firearm device.

35. (new) The firearm device of claim 34, wherein said vessel containing compressed gas is located in a replaceable magazine.

36. (new) The firearm device of claim 34, wherein said vessel contains compressed gas at a pressure of at least 150 atmospheres.

37. (new) The firearm device of claim 34, wherein said firing mechanism is an unmodified firing mechanism configured for firing live ammunition.

38. (new) The firearm device of claim 34, wherein said chamber and said piston arrangement include complementary features for limiting a range of motion of said piston arrangement.

39. (new) A method for modifying a firearm configured for firing live ammunition so as to provide a simulated firearm device, the firearm having a firing mechanism including a firing pin, a bullet magazine for containing bullets and a bullet barrel through which the bullets are fired, the method comprising:

- (a) replacing the bullet barrel with a barrel assembly including:
  - (i) a barrel at least partially defining a chamber,

(ii) a piston arrangement slidably deployed in said chamber,  
and

(iii) a valve arrangement associated with said piston  
arrangement; and

(b) replacing the bullet magazine with a vessel containing  
compressed gas, said vessel being in fluid communication with  
said chamber,

wherein said valve arrangement is deployed to be displaced by impact of the  
firing pin to open at least one sealing arrangement, thereby causing said  
compressed gas to drive said piston rearwards to cause recoil of the firearm  
device.

40. (new) The method of claim 39, wherein said vessel contains  
compressed gas at a pressure of at least 150 atmospheres.

41. (new) The method of claim 39, wherein said chamber and said  
piston arrangement include complementary features for limiting a range of  
motion of said piston arrangement.